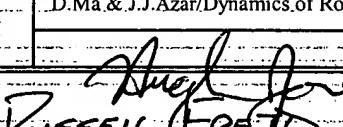




Form PT0-1449		U.S. Dept. of Commerce Patent & Trademark Office		Atty. Docket SC-98-25A	SN 09/833,016		
List of Documents Cited by Applicant <small>(Use several sheets if necessary)</small>		 Applicant: Chen Filing Date: 04/10/2001					
U.S. PATENT DOCUMENTS							
Ex'ts In'l		Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
RF	AA1	2,496,421	02/07/1950	John C. Stokes			
RF	AB1	5,341,890	08/30/1994	Cowthorne et al.			
RF	AC1	5,370,234	12/06/1994	Sommer, Jr. et al.			
RF	AD1	5,394,952	03/07/1995	Johns et al.			
RF	AE1	5,416,697	05/16/1995	Goodman			
RF	AF1	5,704,436	01/06/1998	Smith et al.			
RF	AG1	5,715,899	02/10/1998	Liang et al.			
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		Document Number	Date	Country	Class	Sub-class	Transl'n Yes/No
RF	AL1	0 511 547 A2	04/14/1992	Crockett, David P.			
RF	AM1	0 511 547 A3	04/14/1992	Crockett, David P.			
RF	AN1	EP 0 511 547 B1	04/14/1992	Crockett, David P.			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
RF	AR1	D. Ma, D. Zhou & R. Deng/ The Computer Stimulation of the Interaction Between Roller Bit and Rock/1995					
RF	AS1	Shilin.Chen/Linear and Nonlinear Dynamics of Drillstrings/1994-1995					
RF	AT1	D.Ma, & J.J.Azar/Dynamics of Roller Cone Bits/12/1985					
Examiner: 		Date Considered: 1-DEC-03 12/27/03					
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Applicant: Chen

Filing Date: 04/10/2001

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2128
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Ex'rs In'l		Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
RF	AA2	5,794,720	08/18/1998	Smith et al.			
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RF	AE2	6,012,015	01/04/2000	Tubel			
RF	AF2	6,021,377	02/01/2000	Dubinsky et al.			
RF	AG2	6,044,325	03/28/2000	Chakravarthy et al.			

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		Document Number	Date	Country	Class	Sub-class	Transl'n Yes/No

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RF	AR2	D.K.Ma & S.L. Yang/Kinematics of the Cone Bit/June, 1985
RF	AS2	D.Ma & J.J. Azar/A Way to Characterize the Gouging-Scraping-Action of Roller Cone Bits/1989

Examiner:	Date Considered:
<i>Rugel Jones</i>	12/27/03

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Filing Date: 04/10/2001

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Group: 3672

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Ex'rs In'l		Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
RF	AA3	6,057,784	05/02/2000	Schaaf et al.			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner:

Russell J. Jones

Date Considered:

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2123

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Ex'ts In'l		Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
RF	AA4	4,848,476	07/18/1989	Deane et al.			
RF	AB4	5,197,555	03/30/1993	Estes			
RF	AC4	5,224,560	07/06/1993	Fernandez			
RF	AD4	5,318,136	06/07/1994	Rowsell et al.			
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RF	AG4	5,730,234	03/24/1998	Putor			

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		Document Number	Date	Country	Class	Sub-class	Transl'n Yes/No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner: *Russell F. Foss* Date Considered:

1-DEC-03

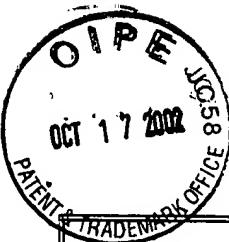
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Applicant: Chen

Filing Date: 04/10/2001

Group: 3072

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3072

U.S. PATENT DOCUMENTS

Ex's In'l	Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable
RF	AAS 5,639,526	11/24/1998	Cisneros, et al.			
	ABS					
	ACS					
	ADS					
	ABS					
	AFS					
	AGS					

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub-class	Transl'n Yes/No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner:

Russell F. Frazee

Date Considered:

1-Dec-03

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OTHER DOCUMENTS

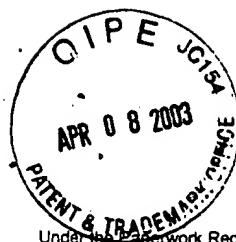
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Sheet 1 of 2

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Application Number	09/833,016
Filing Date	04/10/2001
First Named Inventor	Shilin Chen
Art Unit	3672 213 2128
Examiner Name	Hoang S. Dang, Jones
Attorney Docket Number	SC-98-25A/1

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
RF	AL1	SU 1768745 A1	10-15-1992	Karpukhin et al.		
RF	AM1	SU 1441051 A2	11-30-1988	Karpukhin et al.		

Examiner
Signature

Russell *Ben* Frey *Ben* Jones

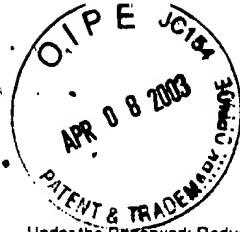
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				Application Number		09/833,016	
				Filing Date		04/10/2001	
				First Named Inventor		Shilin Chen	
				Art Unit		3672 2123 2128	
				Examiner Name		Hoang C. Bang Jones, H	
Sheet	2	of	2	Attorney Docket Number	SC-98-25A		

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